## ABSTRACT OF THE DISCLOSURE

A conductive ink composition comprising a carboxylic acid- or anhydridefunctional aromatic vinyl polymer, a conductive particulate material, and/or a
conductive flake material (any material with an aspect ratio of at least about 5:1)
may be printed in a thickness of five microns or less to provide sufficient
conductivity for RFID tag antenna and other printed conductive and semiconductive structures. Printing the ink by flexographic or gravure printing offers
advantages over other printing methods previously used.